

STATE REVOLVING FUND LOAN PROGRAM

**GREEN PROJECT** BUSINESS MODEL SUBMITTAL



- ✚ **Brief** — If possible, 1 page memo
- ✚ **How** will this save water, energy, be innovative, and/or demonstrate best management practices
- ✚ **Cost analysis** — Justify cost savings over life of loan
- ✚ **Submit** with/in Facilities Plan

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**Principles and approach to developing a Business Case for water efficiency, energy efficiency, green infrastructure, and environmentally innovative projects**

- A. Energy and water efficiency projects should demonstrate substantial benefits/savings compared to the average level of efficiency currently available for the project or component
- B. Water and energy efficiency benefits/savings must be a substantial part of the rationale or justification for the project and cannot simply be incidental water and/or energy efficiency benefits
- C. Innovative or best management practices projects should demonstrate substantial benefits/savings compared to the current technologies or management practices
- D. Technical component of a business case using information from maintenance or operations records, engineering studies, project plans, etc., that:
  - 1. Identify problems (including any data on water and/or energy inefficiencies) in the existing facility
  - 2. Clarify the technical benefits from the project in water and/or energy efficiency terms
- E. Financial component of a business case:
  - 1. Estimate of cost and water savings from the project based on the technical analysis of benefits
  - 2. Determination, within total project costs, that savings associated with energy and water efficiency improvements comprise a substantial part of financial justification for project

**Additional Guidance and Resources can be found from:**

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- [http://water.epa.gov/aboutow/eparecovery/upload/DWSRF-GPR-Business-Case-Examples\\_508-Complaint.pdf](http://water.epa.gov/aboutow/eparecovery/upload/DWSRF-GPR-Business-Case-Examples_508-Complaint.pdf)
- [http://water.epa.gov/grants\\_funding/CWSRF/Green-Project-Reserve.cfm](http://water.epa.gov/grants_funding/CWSRF/Green-Project-Reserve.cfm)
- <http://www.epa.gov/reg3wapd/infrastructure/gpr.htm>